

MUHAMMAD UZAIR KHAN

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EDUCATION

PhD	Electrical Engineering <i>University of Engineering & Technology, Mardan</i>	In Progress
MS	Electronic Engineering (CGPA = 3.72) <i>Ghulam Ishaq Institute of Engineering Sciences & Technology, Topi</i>	2015
BS	Electrical Engineering (CGPA = 3.02) <i>University of Engineering & Technology, Peshawar</i>	2013

HONORS AND AWARDS

IGNITE Funding through NGRI for FYP	2022
Supervised undergraduate FYP: "Roadside Hybrid Battery Charging System"	
Member of Syndicate	2016, 2021
Elected two times as a member of Syndicate University of Technology, Nowshera	
MS Scholarship	2013
Awarded scholarship for MS program in GIK Institute, Topi	
3rd Position in Faculty during MS	2015
Got 3 rd position in MS Electronic Engineering at GIK Institute, Topi	

TEACHING EXPERIENCE

Shuhada-e-Army Public School University of Technology, Nowshera	Aug 2016 – Present
Lecturer , Department of Electrical Engineering Technology	
<ul style="list-style-type: none">• Taught the below-mentioned courses at undergraduate level:<ol style="list-style-type: none">1. Linear Circuit Analysis2. AC Circuit Analysis3. Electrical Power Transmission• Developed quizzes, exams, and homework	
GIK Institute of Engineering Sciences & Technology, Topi, Swabi	Aug 2013 – Aug 2015
Lab Engineer/Teaching Assistant , Faculty of Electronic Engineering	
<ul style="list-style-type: none">• Demonstrated the labs of the below-mentioned courses at undergraduate level:<ol style="list-style-type: none">1. Circuit Analysis I2. Circuit Analysis II3. Electronics I• Assisted the faculty members during the course "Communication Systems"	

ADMINISTRATIVE EXPERIENCE

Shuhada-e-Army Public School University of Technology, Nowshera

Nov 2017 – Present

Deputy Controller of Examination, Examination Section

- Conduct of Semester Examination
- Preparation of Examination Schedule/Date Sheets
- Monitoring of the Staff and Students during the Examination
- Scheduling the Duties of the Invigilating Staff during the Examination
- Preparation of Transcripts and Degrees
- Preparation of Result
- Arrangements for convocation

Shuhada-e-Army Public School University of Technology, Nowshera

Nov 2020 – Aug 2021

Semester Coordinator, Department of Information Engineering Technology

- Monitored student progress and made appropriate adjustments to ensure academic success
- Coordinated faculty meetings, workshops, and other events that support student learning and development
- Created and updated student records
- Reviewed course syllabi to ensure that they are aligned with departmental objectives
- Worked with faculty members to ensure that classes have adequate materials needed for instruction

PUBLICATIONS

Journal Publications

1. **Khan, Muhammad Uzair**, Amir Naveed, Syed Ehtisham Gillani et al. "Experimental validation of bulk-graphene as a thermoelectric generator." *Materials Research Express* 8, no. 5 (2021): 056302. (**Impact Factor: 1.941**)
2. Gillani, Syed Ehtisham, Muhammad Ikhtlaq, **M. U. Khan** et al. "Effects of butanol blending and fumigation with *Jatropha* biodiesel on combustion, performance, and emissions of diesel engine." *International Journal of Environmental Science and Technology* 18, no. 4 (2021): 819-834. (**Impact Factor: 3.463**)

Conference Papers

1. **Khan, Muhammad Uzair**, Sarmad Feroze, and Muhammad Zia. "Coverage control algorithm for node scheduling in wireless sensor networks." In 2016 International Conference on Frontiers of Information Technology (FIT), pp. 17-22. IEEE, 2016.

PROFESSIONAL AFFILIATIONS

- Institute of Electrical and Electronics Engineers, (Member)

June 2022 – Present

LANGUAGES

- English
- Urdu
- Pashto

COMPUTER SKILLS

- MULTISIM
- MATLAB
- ORIGINLAB
- MS OFFICE